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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Shinya NAGANO et al.

Appl. No.: 10/807,426

ART UNIT: 1711

Filed: March 24, 2004

Examiner: WOODWARD, ANA LUCRECIA

For: DIELECTRIC FILMS AND MATERIALS THEREFOR

DECLARATION UNDER 37 C.F.R. 1.132

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

I, Yoshinori FUNAKI, a citizen of Japan and  
residing at Miyata, Katsuhara-ku, Himeji-shi, HYOGO  
671-1213, declare and say that:

I was graduated from the doctor course of Hiroshima  
University Graduate School of Science.

From April, 1983 up till the present, I have been a  
researcher of corporate R&D center, Daicel Chemical  
Industries, LTD.

I am a member of The Chemical Society of Japan.

I am one of the inventors of the above-identified  
application and am familiar with the subject matter  
thereof.

I have read the Official Action mailed on March 23,  
2006 and the references cited therein and am familiar with  
the subject matter thereof.

I declare that the following experiment was performed  
under my direction.

EXPERIMENT:

Relative Dielectric Constants of crosslinked polybenzimidazole films prepared in Example 1 and Comparative Example 1 of the present application were determined by the following methods.

Aluminum (Al) electrodes were formed on the surface of a sample crosslinked polybenzimidazole film, and the relative dielectric constant was determined.

The film prepared in Example 1 had a relative dielectric constant of 2.5. The film prepared in Comparative Example 1 had a relative dielectric constant of 3.8.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the above-identified application or any patent issuing thereon.

This 14 day of July, 2006

  
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Yoshinori FUNAKI